

ABSTRACT OF THE DISCLOSURE

The invention concerns a support designed for observing between intersecting polarizers an object located in its vicinity in a medium (3) of index n_0 with incident convergent incoherent illumination under an angle θ_0 at a wavelength λ . Said support comprises a substrate (1) with complex refractive index n_2 and a layer (2) of refractive index n_1 and thickness e_1 . According to the invention, the value of the thickness e_1 of the layer (2) is at $\pm 2\%$ such that $d_2/d_1 \ln |\hat{O}|^2 = 0$ with $\hat{O} = \hat{O}_{01} + \hat{O}_{12}(1 + \pi_{01})e^{-2j\beta_1} + \hat{O}_{01} \pi_{12}e^{-4j\beta_1} / (1 + r_{01(p)} + r_{12(p)}e^{-2j\beta_1})(1 + r_{01(s)}r_{12(s)}e^{-2j\beta_1})$. The invention also concerns observation devices incorporating such a support.